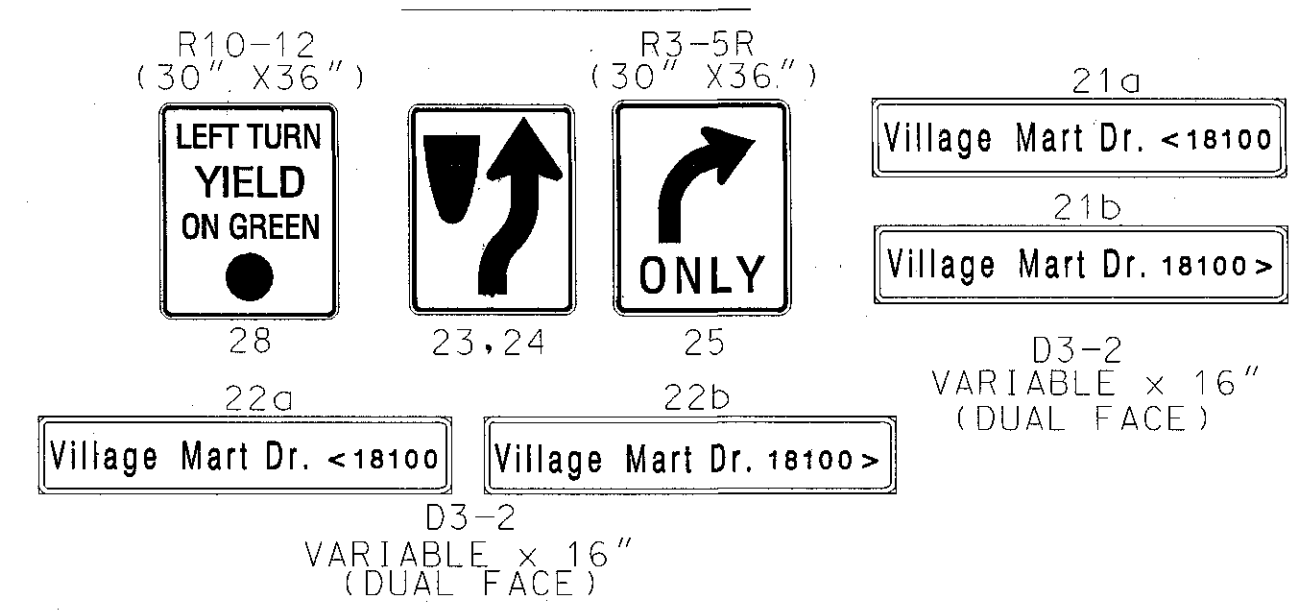
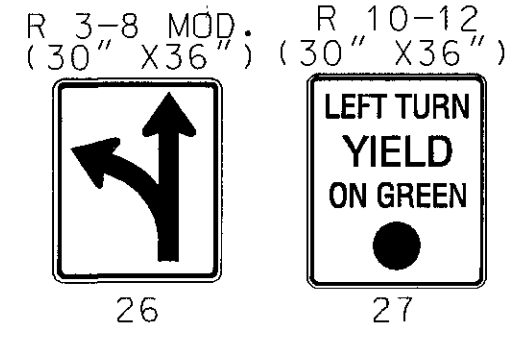


Village Mart Drive is assumed to run in a North-South Direction

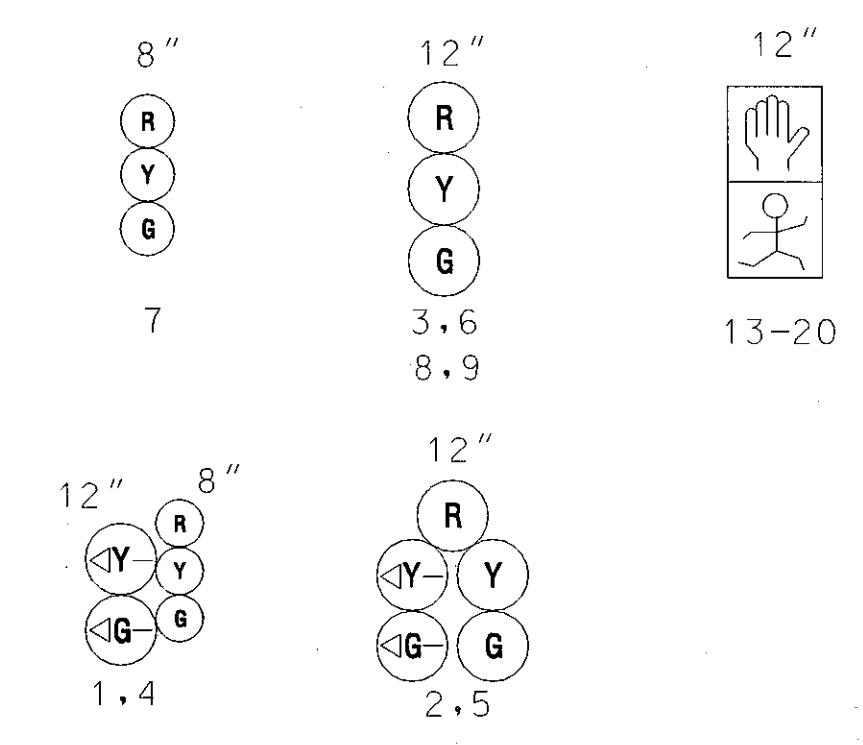
EXISTING SIGNS



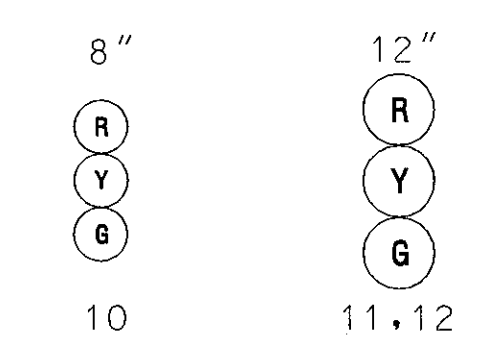
PROPOSED SIGNS



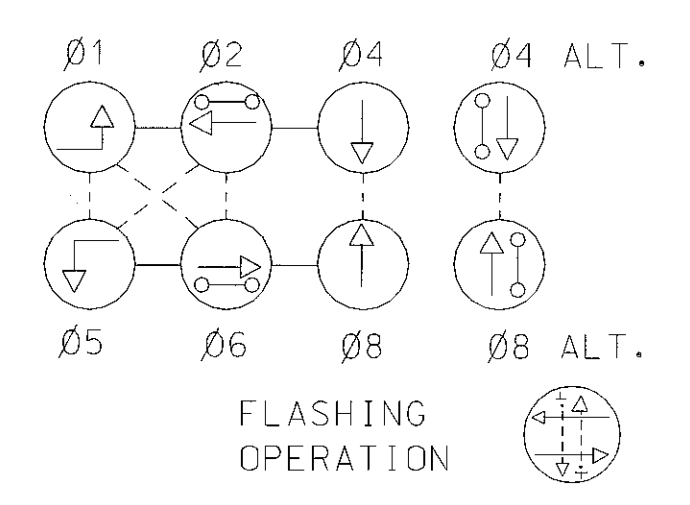
EXISTING SIGNALS



PROPOSED BLACK FACED SIGNALS

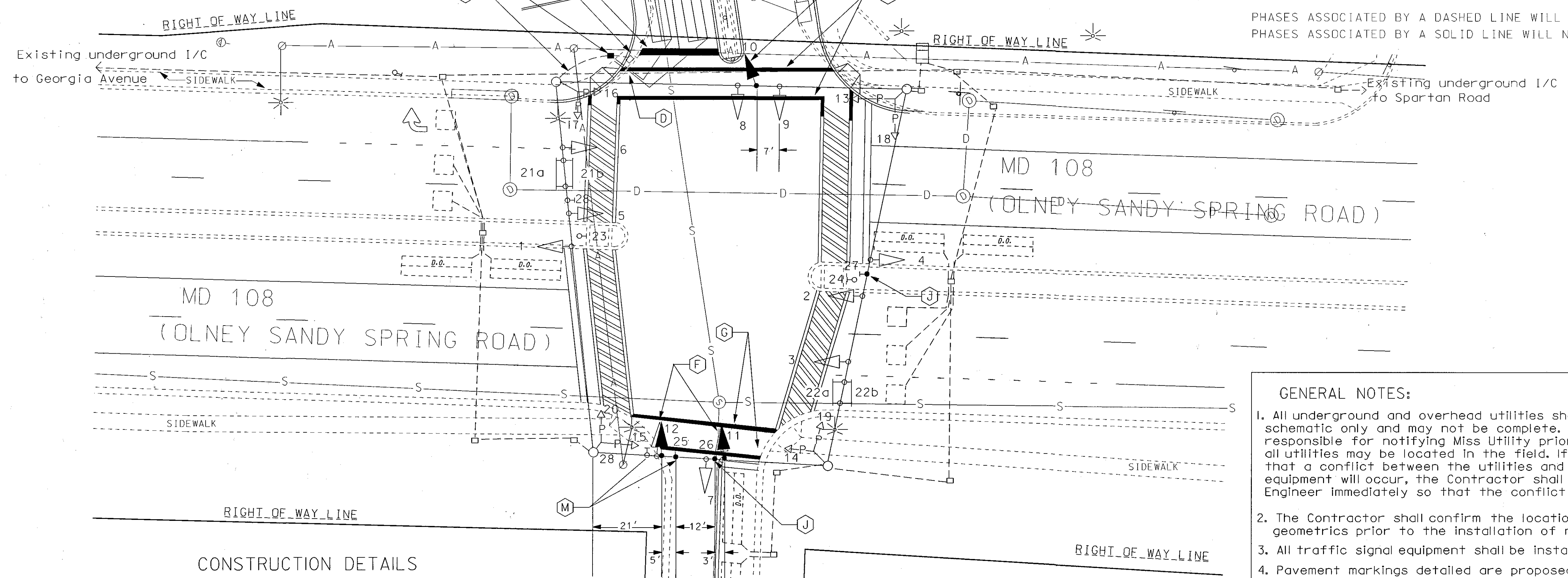


EXISTING PHASING



PHASING NOTES

PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



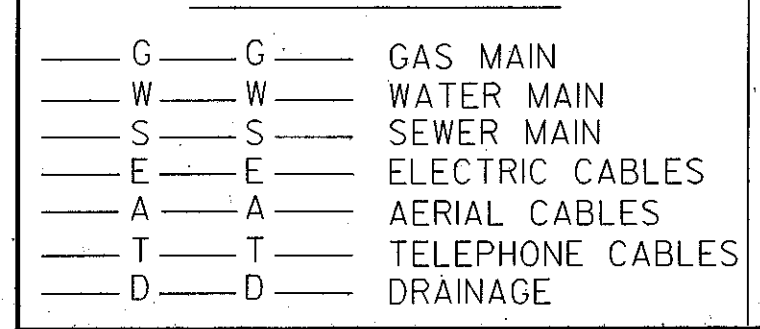
CONSTRUCTION DETAILS

- A. Remove existing detector cables and protect existing conduit to strain pole base.
- B. Install new handbox intercepting existing conduit. Repull existing detector cable to new handbox and splice to new detector lead-ins.
- C. Install new 6' X 30' loop detectors (3-6-3 turns) encased in 1/4" flexible tubing.
- D. Install 2-1" liquid tight flexible non-metallic electrical conduit. (Detector wire sleeve)
- E. Remove existing handbox.
- F. Remove existing signal head and replace with black faced signal head in same location as shown.
- G. Restripe existing 12' white reflective thermoplastic crosswalk lines.
- H. Install 24' white reflective thermoplastic stopline.
- I. Install 5' white reflective thermoplastic pavement marking.
- J. Install new span wire mounted sign as shown.
- K. Remove existing traffic signal head.
- L. Install new black faced traffic signal head as shown.
- M. Relocate existing spanwire mounted sign, as shown.
- N. Install white thermoplastic pavement marking symbol as shown.

GENERAL NOTES:

- 1. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the project Engineer immediately so that the conflict may be resolved.
- 2. The Contractor shall confirm the location of proposed geometrics prior to the installation of new signal equipment.
- 3. All traffic signal equipment shall be installed to final grade.
- 4. Pavement markings detailed are proposed and shall be installed by the Contractor in accordance with SHA standards.
- 5. "D.O." indicates a Delay-Output loop detector.
- 6. New presence detectors shall be placed one foot in front of stopline.
- 7. Existing signal equipment, conduits, conductors, handholes, etc. shall be reused and protected in place unless otherwise shown.

UTILITY LEGEND



WELLS & ASSOCIATES, LLC

TRANSPORTATION, TRAFFIC, AND PARKING CONSULTANTS  
1420 Spring Hill Rd., Suite 600  
McLean, VA 22102  
Phone: (703) 917-6620 Fax: (703) 917-0739  
170 Jennifer Rd., Suite 260  
Annapolis, MD 21401  
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REVISIONS

NO.	DESCRIPTION	DATE
1	Realign southbound Village Mart Drive & replace loops	12/17/02
2	Contract # DW956462	

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL MODIFICATION PLAN  
MD 108 (OLNEY SANDY SPRING ROAD) &  
VILLAGE MART DRIVE

DRAWN BY: JAW	F.A.P. NO. ---	TS NO. TS-2213A	SHEET NO. 1 OF 2
CHECKED BY: CT	S.H.A. NO. ---	T.I.M.S. NO. F439	
SCALE: 1" = 20'	COUNTY: MONTGOMERY		
DATE: 12/17/02	LOG MILE: 150.0813.52		